

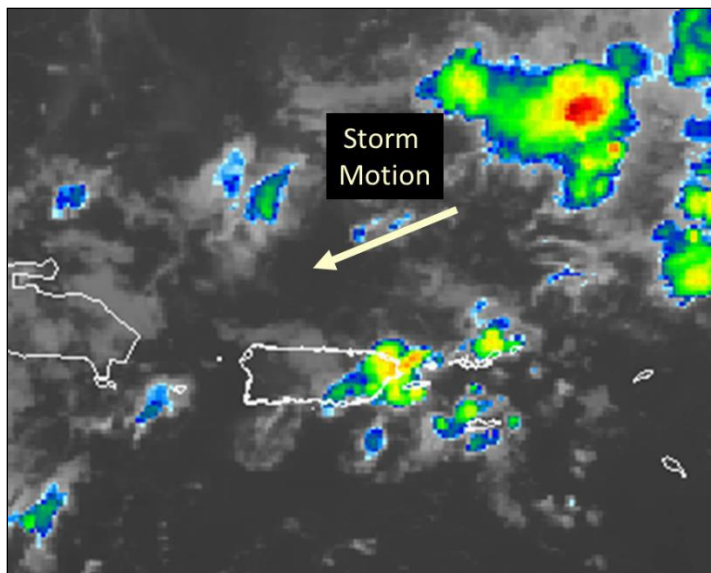
# Senior Leadership Briefing and Recovery Snapshots

## Post-Tropical Cyclones Maria, Irma, Harvey and Tropical Storm Nate

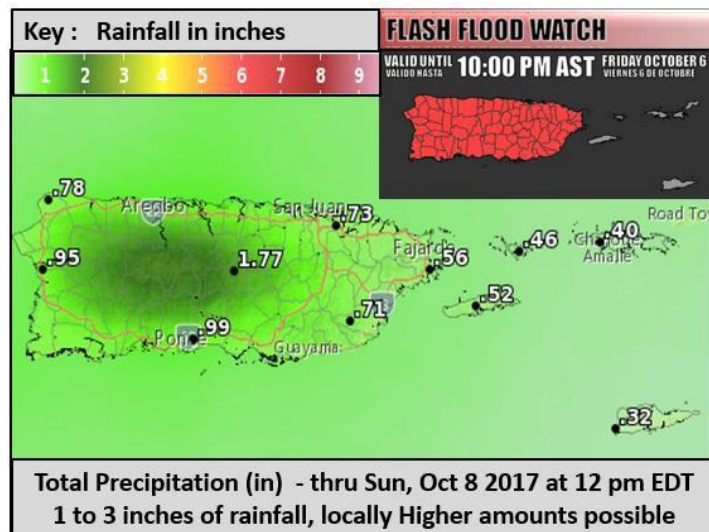
Friday, October 6, 2017 (5:00 a.m. EDT)  
Updates in Blue

### Current Situation:

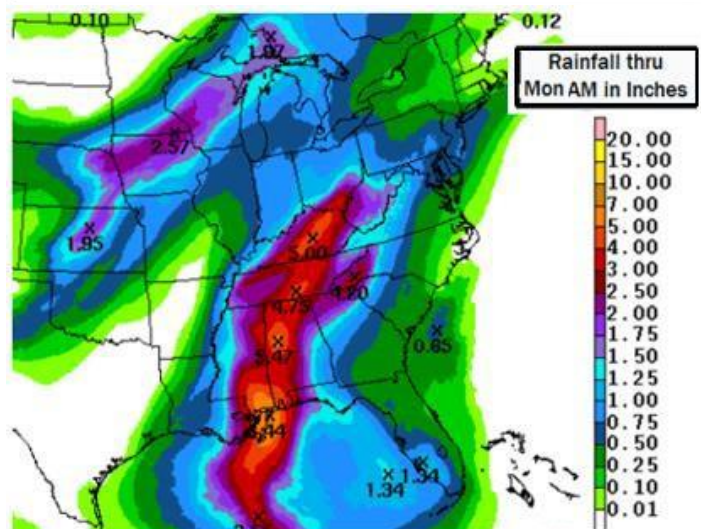
**Caribbean:** Numerous showers and thunderstorms will impact the theater through Friday. These storms will cause some localized flooding, frequent lightning and gusty, erratic winds. Heat indices across the lower altitudes will exceed 100 degrees Fahrenheit, which could lead to heat related illnesses for more vulnerable populations (e.g. elderly, those with asthma). (NOAA Update, October 6, 2017, 5:00 a.m. EDT)



Increasing threat of storms from tropical moisture tonight and Friday for PR and USVI



**Tropical Storm Nate:** At 5 AM EDT (0900 UTC), the center of Tropical Storm Nate was located close to the coast of eastern Honduras near latitude 16.9 North, longitude 85.1 West. Maximum sustained winds are near 45 mph with higher gusts. Nate will move into the southern Gulf of Mexico Friday night and approach the northern Gulf coast Saturday evening. Strengthening is forecast during the next couple of days, and Nate is expected to become a hurricane by the time it reaches the northern Gulf of Mexico. Tropical-storm-force winds extend outward up to 90 miles mainly to the east of the center. Look for rainfall amounts of 3 to 6 inches with maximum amounts of 12 inches over U.S. Central Gulf Coast states. (NOAA Update, October 6, 2017, 5:00 a.m. EDT)

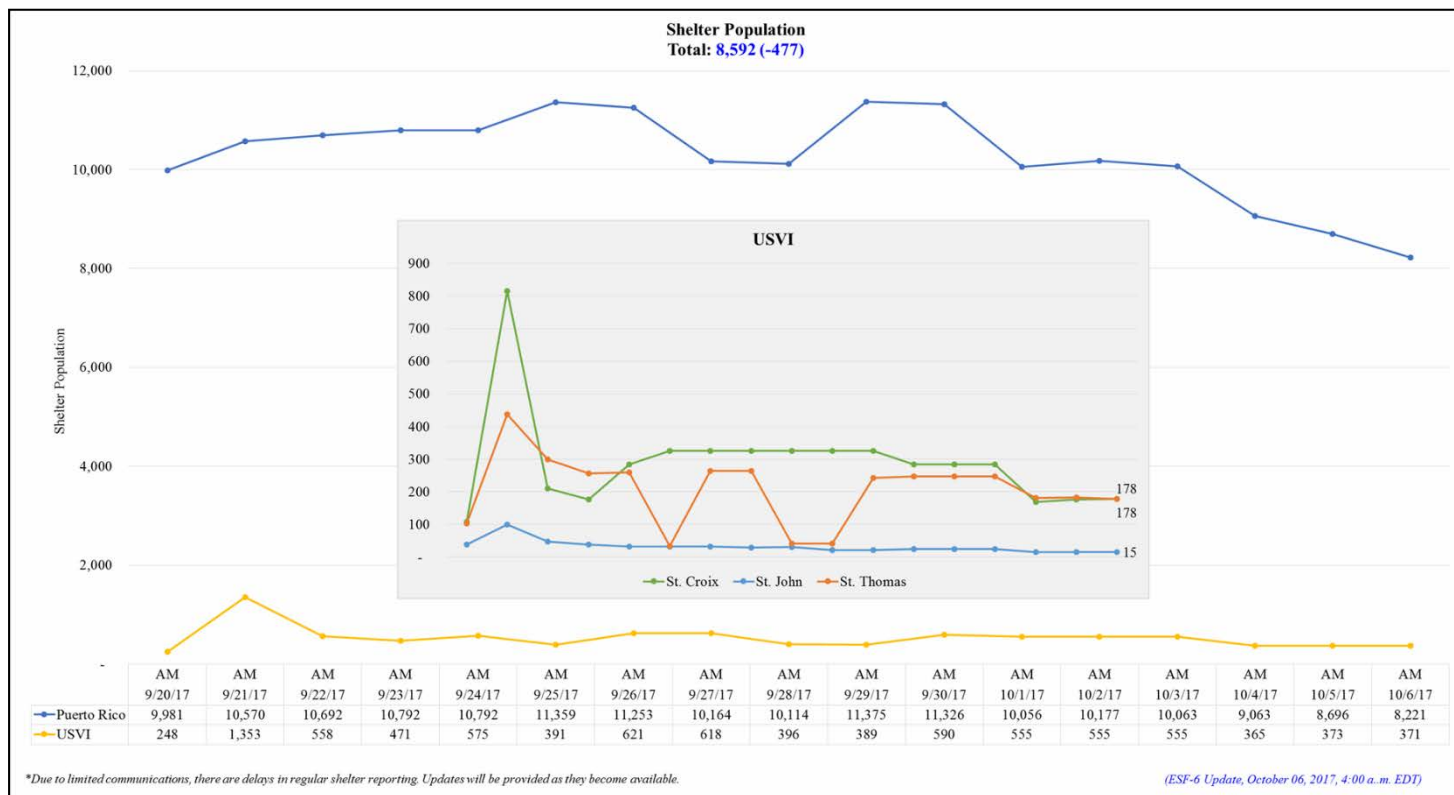


## Impact Summary:

### Population Impacts

Territory	Confirmed Fatalities	Shelters / Population*	Customer Power Outages	Hospitals	Evacuations and Curfews	Other
<b>PR</b>	35 confirmed fatalities	Shelters: 132 (-2) Pop: 8,221 (-475)	9.2 % (+.6) of customers have electricity  Estimate 20% of transmission towers need to be replaced	63 of 65 hospitals on main island open, Culebra: one open, Vieques: one open  16 hospitals connected to grid power; 49 functioning under generator power  VA facilities: One hospital and six clinics open; one clinic closed	Curfew in effect from 12:00 a.m. to 5:00 a.m.	Schools remain closed  45 of 58 Federal Government buildings closed
<b>USVI</b>	Five confirmed fatalities	USVI Shelters: Six Pop: 371 (-2)  St. Thomas: Shelters: Two Pop: 178 (-4)  St. John: Shelters: One Pop: 15  St. Croix: Shelters: Three Pop: 178 (+2)	Percentage of customers that have electricity:  St. Thomas/St. John: 22% (+2%)  St. Croix: 12% (+4%)	St. Croix: Governor Juan Luis Hospital condemned; awaiting establishment of mobile medical facility, 33 HHS Health and Medical Task Force personnel providing interim support  St. Thomas: Schneider Medical Center condemned; established mobile medical facility  VA facilities: Two clinics, both open	Curfew in place from 8:00 p.m. to 5:00 a.m. in St. Thomas, St. John, and Water Island  St. Croix curfew in place from 8:00 p.m. to 9:00 a.m.	Planned school re-openings: St. Thomas and St. John: October 9 St. Croix: October 16  12 of 19 Federal Government buildings closed
As of:	October 5 8:02 p.m. EDT	October 6 4:03 a.m. EDT	October 5 9:33 p.m. EDT	October 5 10:53 p.m. EDT	October 5 9:33 p.m. EDT	October 5 1:36 p.m. EDT

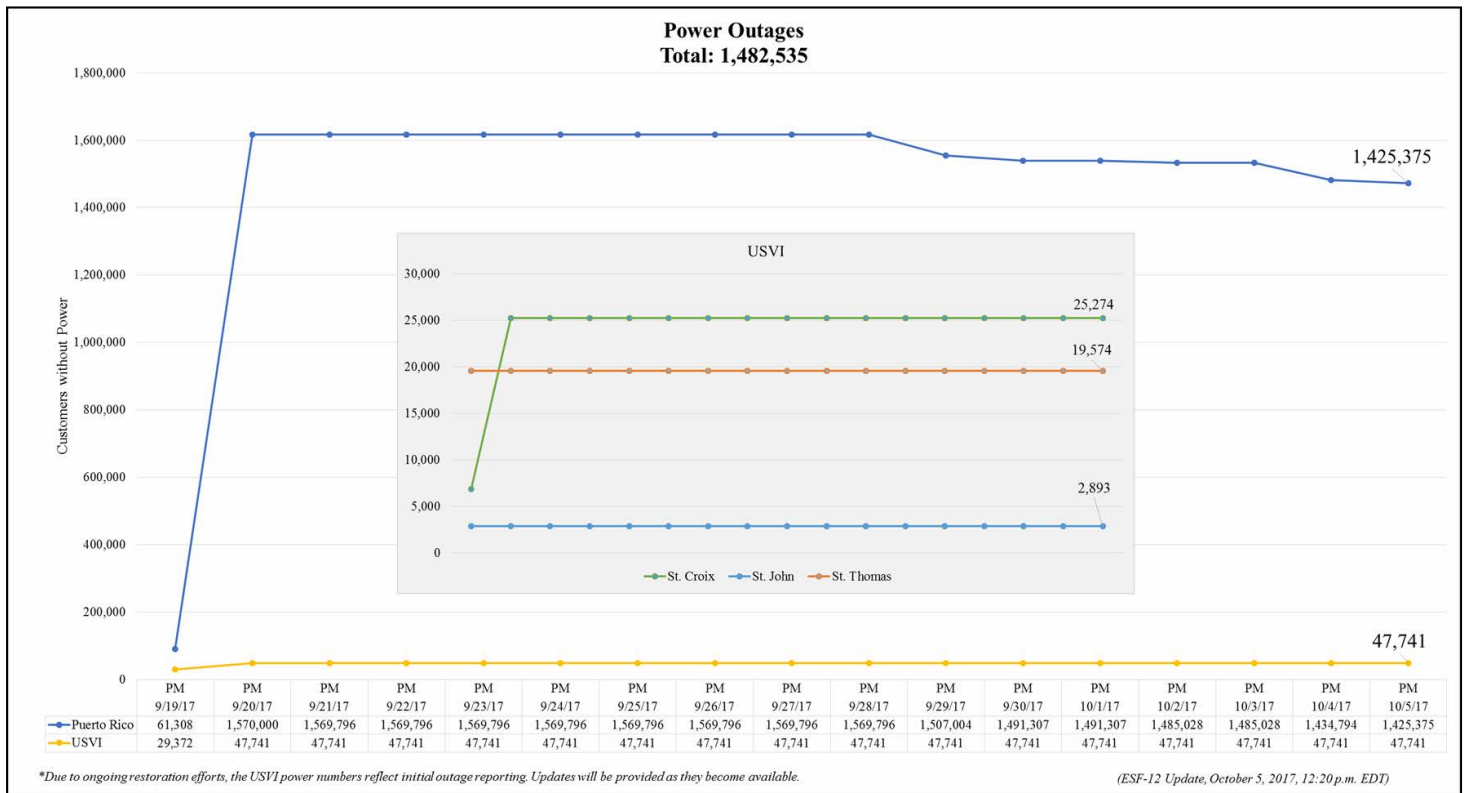
(ESF-6, ESF-8, ESF-12, ESF-15, GSA, PREMA, VA OHA, USVI JFO SitRep)



## Infrastructure Impacts

Territory	Air	Ports	Roads	Fuel/Gas	Water	Communications
<b>PR</b>	10 of 10 airports open or open with restrictions	Four ports open  Nine ports open with restrictions  One port closed: Guanica (private, non-federal)	PR has 5,073 miles of roads. 388 miles (8%) are open, 1,342 (26%) are partial open, and 3,343 (66%) are unknown. The unknown is due to municipalities are not reporting due to communications issues	837 of 1,100 (+117) retail gas stations operational	Boil Water Advisory island-wide; <b>47% of PRASA clients have potable water; PRASA covers 96% of PR</b>  EPA assessed 560 of 800 PRASA pump stations; <b>215 overflowed due to lack of power/generator failure</b>	14.5% of island with cell service  Main Public Safety Answer Points (PSAPs) in Puerto Rico moving over to back-up generator and now accepting 911 calls
<b>USVI</b>	St. Thomas open  St. Croix Commercial flights began October 5	<b>Five ports open</b>  <b>Five ports open with restriction</b>	St. Thomas: 95 % of roadways are passable; no full closures on any major roadways  St. Croix: Most highways open with caution  All traffic signals on St Thomas and St Croix completely destroyed	St. Croix and St. Thomas reports adequate fuel supply on island for power generation and response efforts, including gasoline, diesel, and propane	Boil Water Advisory territory-wide	<b>39.7%</b> cell phone coverage in USVI; PSAPs restored, accepting 911 calls but no location information  St. Thomas: <b>47%</b> cell sites operational (55 towers on island)  St. John: No cell sites operational  St. Croix: <b>37%</b> cell sites operational (42 towers on island)
<i>As of:</i>	<i>October 6 1:09 a.m. EDT</i>	<i>October 5 11:00 p.m. EDT</i>	<i>October 5 12:10 p.m. EDT</i>	<i>October 5 12:44 a.m. EDT</i>	<i>October 5 11:30 p.m. EDT</i>	<i>October 6 2:18 a.m. EDT</i>

(ESF-1, ESF-2, ESF-10, ESF-12, PRASA, EPA SitRep, USCG, USVI JFO Report)



## Declaration Activity:

Territory	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
PR	9/20: DR-4339	78 municipalities	All (Categories A-B)	100% for debris removal and emergency protective measures for 180 days from declaration date
	9/10: DR-4336	12 municipalities	31 municipalities	75%
USVI	9/7: DR-4335	St. Croix, St. John, St. Thomas	All (Categories A-G)	100% for debris removal and emergency protective measures for 180 days from declaration date
	9/20: DR-4340	St. Croix, St. John, St. Thomas	All (Categories A-G)	100% for debris removal and emergency protective measures for 180 days from incident period; 90% cost share thereafter

(FEMA Declarations Unit, October 5, 2017, 6:28 p.m. EDT)

## Force Laydown:

Department/Agency	Puerto Rico	US Virgin Islands			Totals
		St. Croix	St. John	St. Thomas	
American Red Cross (ESF-6)	456	245	*	*	701
Army Corps of Engineers (ESF-3)	169	101	3	67	340
Civil Air Patrol (ESF-5)	18	*	*	*	18
Customs and Border Protection (ESF-5,-9 &-13)	155	5	0	5	165
Department of Agriculture (ESF-11)	1	0	0	0	1
Department of Defense Title 10*	6,017	*	*	*	6,017
Department of Energy (ESF-12)	3	24	0	29	56
Department of the Interior	265	23	46	0	334
Department of State	6	0	0	0	6
Department of Transportation (ESF-1)	4	0	0	29	33
DHS – NPPD / Federal Protective Service	60	4	0	4	68
Environmental Protection Agency (ESF-10)*	57	16	5	6	84
Federal Law Enforcement (ESF-13)	360	5	0	0	365
FEMA Deployed	921	261	8	53	1,243
Forest Service (ESF-4)	239	20	0	0	259
General Services Administration (ESF-7)	19	0	0	0	19
Health and Human Services (ESF-8)	440	32	19	13	504
Immigration and Customs Enforcement	137	19	0	8	164
National Guard Bureau*	4,036	1,674	0	0	5,710
National Weather Service - NOAA	30	0	0	0	30
Small Business Administration (ESF-6)	10	2	0	2	14
Transportation Security Administration (ESF-1)	114	6	0	1	121
United States Coast Guard (ESF-1,-5,-7,-9,-10,-13 &-15)*	1,430	*	*	*	1,430
Urban Search & Rescue (ESF-9)	12	0	0	0	12
Veterans Affairs (ESF-8)	196	0	0	0	196
<b>TOTALS</b>	<b>15,155</b>	<b>2,437</b>	<b>81</b>	<b>217</b>	<b>17,890</b>

\* Notes: Civil Air Patrol flights supporting all USVI; DOD personnel numbers include 4,291 personnel supporting from sea; Red Cross, DOD, and USCG numbers in St. Croix column is for all of USVI since breakout by island is unavailable  
(Situational Awareness Info Analysis, October 6, 2017, 2:38 a.m. EDT)

## FEMA Headquarters:

- National Response Coordination Center (NRCC) at Level I (Full Activation), 24/7 operations, Blue team on duty (Daily Ops Briefing, October 5, 2017, 8:30 a.m. EDT)
- National Incident Management Assistance Team (IMAT) East-2 at Joint Field Office (JFO) in San Juan Convention Center, PR
- Eight Region X IMAT members in St. Thomas, one in St. Croix; Region III IMAT in PR (RII DSAR, October 5, 2017, 3:00 p.m. EDT)
- Mutual Aid**

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	PR	66 (0)	20 (0)
II	USVI	33 (0)	13 (0)

(EMAC Sit Rep #86, October 5, 2017, 8:00 p.m. EDT)

## FEMA Region II:

- Region II RRCC not activated; some RRCC staff supporting NRCC operations



- FEMA Region II IMAT in St. Croix (*RII DSAR, October 5, 2017, 3:00 p.m. EDT*)
- **Puerto Rico:**
  - Emergency Operations Center (EOC) at Full Activation with limited operations (24/7) and on generator power
  - Joint Field Office (JFO) operational in San Juan Convention Center
  - Federal Coordinating Officer (FCO) is Alejandro De La Campa
- **U.S. Virgin Islands:**
  - EOCs on each island at Full Activation
  - Lease signed October 1 for USVI Area Field Office located at University of the Virgin Islands in St. Thomas: GSA exploring location for JFO on St. Croix (*GSA Update, October 5, 2017, 3:21 p.m. EDT*)
  - FCO is William Vogel, located in VITEMA office in St. Croix

## Interagency Coordination for Puerto Rico:

- **ESF-1: Transportation**
  - Airports:
    - San Juan (SJU) International Airport now accepting passengers 24/7 (*ESF-1 Update, October 5, 2017, 1:58 p.m. EDT*)
    - Aguadilla (BQN) Airport open for commercial operations (*ESF-1 Update, October 5, 2017, 8:53 a.m. EDT*)
  - Debris Clearance:
    - ESF-4 teams cleared 19 miles of road; continuing to work with DoD on hazard tree removal in Utuado and surrounding areas; placed Very High Frequency repeater on Cerro De Punta
    - Route clearing operations from Ponce to La Maria focus on clearing key routes into isolated mountain areas critical to logistics flow (*DoD Update, October 6, 2017, 1:45 a.m. EDT*)
    - One temporary debris removal site identified; will identify additional sites October 6 (*ESF-3 Update, October 4, 2017, 11:53 p.m. EDT*)
    - Clearance slowed on remaining 10km of Rt. 605 due to landslide debris; estimated completion **October 7** (*ESF-3 Update, October 6, 2017, 3:42 a.m. EDT*)
    - USACE estimates 10 million cubic yards of debris needs removed; expected to begin October 8 (*ESF-1 Update, October 5, 2017, 8:42 a.m. EDT*)
  - Road Status:
    - Several roads re-opened in both directions, most notably PR-2 from Ponce to San Juan around the Western route of island and PR-3 is open in both directions from Fajardo to Rio Grande
    - Other major roads open: PR-18, PR-30, PR-53, PR-3, PR-66, PR-5, PR-22, PR-20, PR-26, and several state routes in Culebra PR-250, PR-251, and PR-252 (*ESF-1 Update, October 4, 2017, 10:43 a.m. EDT*)
  - Ports:
    - Port of Guanica (privately maintained and operated) remains closed; USCG completed aids to navigation verification with no noted discrepancies; Guanica remains a lower priority due to lack of fuel/cargo handling capacity infrastructure necessary to support recovery operations (*ESF-1 Update, October 6, 2017, 1:09 a.m. EDT*)
    - NOAA vessel Thomas Jefferson en route from St. Thomas to Vieques, Culebra, and Fajardo, PR to conduct port assessments (*ESF-1 Update, October 6, 2017, 1:09 a.m. EDT*)
- **ESF-2: Communications**
  - 78 Satellite Phones issued directly to mayors or PREMA for distribution to mayors (*PR Common Operating Picture, October 5, 2017, 8:03 p.m., EDT*)
  - 11 Cell on Wheels and Cell on Light Trucks **en route** to Ponce, Arecibo, Humacao, Rio Grande, and Aguadilla (*ESF-2 Update, October 5, 2017, 11:54 p.m., EDT*)
  - Communications Task Force verifying telecommunications and radio connectivity for all hospitals and municipal police stations; 50 of 69 hospitals have landline service (*ESF-2 Update, October 5, 2017, 11:54 p.m., EDT*)
- **ESF-3: Public Works and Engineering**
  - Dams:
    - Guajataca Dam spillway eroding; immediate risk reduction measures ongoing to stabilize dam spillway and clear outlet blockage
    - All 17 priority dam inspections complete (*ESF-3 Update, October 5, 2017, 9:07 a.m., EDT*)

- 26th Marine Expeditionary Unit delivered 245 of 500 concrete barriers to date along compromised portions of spillway channel
- Filled and staged approximately 160 of the 900 available super sack sandbags; placement to start October 6 (*ESF-3 Update, October 5, 2017, 11:56 p.m. EDT*)
- Contract awarded October 2 and pending execution to airlift two 18-inch pumps and ship eight additional pumps by barge to help draw down pool behind dam (*ESF-3 Update, October 5, 2017, 5:00 p.m. EDT*)
- Temporary Power:
  - Completed 156 of 265 requested generator pre-installation inspections;
  - Generators: 30 installed; 250 additional available on island; and 332 en route (*ESF-3 Update, October 5, 2017, 11:56 p.m. EDT*)
- Temporary Roofing:
  - Collected 1,668 Right of Entry (ROE) Agreements, assessed 354 homes
  - Installed two residential roofs and repaired roof of Multy Medical Facility in San Juan October 5 (*ESF-3 Update, October 5, 2017, 11:56 p.m. EDT*)
  - USACE Reachback Operations Center to launch a tablet-based process for ROE collection, qualification, and work order generation to reduce work order lead time and streamline installation process; launch date to be determined (*ESF-3 Update, October 5, 2017, 8:50 a.m., EDT*)
- Schools: Schools remain closed; coordinating staffing requirements to conduct assessments of approximately 300 schools over a two week timeframe (*PR Common Operating Picture, October 5, 2017, 8:02 p.m. EDT*)
- **ESF-4: Firefighting**
  - One National Incident Management Team (IMT) managing "Isolated Communities Task Group" to identify and prioritize missions to support communities isolated by debris and road damage (*ESF-4 Update, October 5, 2017, 11:14 p.m. EDT*)
  - One Type 2 IMT and 3 Interagency Hotshot Crews expected to arrive October 6 to support emergency road clearing in rural communities (*ESF-4 Update, October 5, 2017, 11:40 p.m. EDT*)
- **ESF-5: Information and Planning**
  - Six photography sorties and two communication sorties planning fly over for imagery of critical infrastructure October 6
  - Two CAP aircraft and four aircrews staged CONUS; departing October 6 (*CAP Update, October 5, 2017, 10:11 p.m. EDT*)
- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**
  - Lease for Individual Assistance Call Center in Guaynabo signed October 5
  - Host state agreement between FEMA and FL signed October 5; the federal government will reimburse 100% of FL costs for accommodating survivors displaced by Hurricane Maria
  - Sending 18,500 camp stoves, 37,000 propane cylinders; no confirmed shipping/arrival date
  - Feeding: 206 Infant and Toddler (I/T) kits currently on a barge in Jacksonville, expected to arrive at PR Distribution Center October 11; working with Crowley on shipping options for additional I/T supplies to feed 28,000 children for one week (*ESF-6 Update, October 5, 2017, 3:00 p.m. EDT*)
  - VOAD assistance: Convoy of Hope delivered 30,000 meals to Fajardo, Junco, Carolina, Caguas, Marati (to date a total of 165,000 meals received) (*ESF-6 Update, October 6, 2017, 12:45 a.m. EDT*)
- **ESF-7: Logistics Management and Resource Support**
  - Standard commodities arrived (*Commodity Movements email, October 5, 2017 5:55 p.m. EDT*)
    - Meals: 22K meals arrived by air; approximately 721K meals by sea, pending final manifest
    - Water: 208K liters of water by sea, pending final manifest
  - Standard commodities planned to arrive October 6 (*Commodity Movements, October 6, 2017 4:26 a.m. EDT*)
    - Meals: 50K meals planned for Aguadilla, 50K for Roosevelt Roads
    - Water: 100K liters of water planned for San Juan, 82K for Aguadilla, and 86K for Roosevelt Roads
  - Unique commodities
    - ESF-7 developed and executing water plan for PR that will provide 18.3M liters of water October 3-8 (*ESF-7 Update, October 4, 2017 12:13 p.m. EDT*)
  - OFA commodities
    - DoD delivered 77 pallets of water and 68 pallets of MREs to eight municipalities: Aguadilla, Coamo, Santa Isabel, Guayama, Villalba, Aguada and San Lorenzo (*DoD Update, October 6, 2017, 1:45 a.m. EDT*)

- DLA received RFI for up to 135 million liters of water from Europe to PR; will have costs and estimated timeline October 6 (DoD Update, October 6, 2017, 1:45 a.m. EDT)
- DoD delivered fuel to nine hospitals: Ashford, San Jorge, Pavia Santurce, Auxilo Mutuo, Lab PRDoH, Capestrano, Fresnius Paseos, Fresnius Naranjito, and FEMA Puerto Nuevo
- 191st Regional Support Group supplying ten 3,000 gallon collapsible water storage bags October 6
- Over the last 24 hours, DoD supplied 4,000 gallons of bulk water, 2,891 gallons of bulk fuel, 365,405 meals, and 874,776 bottles of water to Regional Support Areas; DoD supplied 23,616 meals and 5,632 bottles of water directly to PR municipalities
- Joint Forces Maritime Commander established air bridge to support Culebra and Vieques
- Ten C-17s, twelve C-130s, two C-5s and four other DoD aircraft transported Vet Detachment, CAISE, Disaster Relief Beddown Sets, 442nd Military Police Company, 68th Sustainment Support, Quartermaster Water Company, 119th Transportation Company, Helo Support, Water and MREs to Puerto Rico; DoD also transported an Initial Communications Element to Ponce, PR (DoD Update, October 6, 2017, 1:45 a.m. EDT)
- DoD leased 31 generators to support nine 4mW parallel sets for delivery to PR by October 15
- Defense Logistics Agency (DLA) executing water plan of up to 10 million liters of water for PR, with a barge departing Dominican Republic on October 7 (DoD Update, October 5, 2017, 2:05 p.m. EDT)
- Staging Areas/Incident Support Bases
  - Roosevelt Roads and San Juan Airport serving as staging areas; Ponce being considered as another staging area
  - Rafael Hernandez Airport in Aguadilla preparing to serve as staging area; anticipate will begin operations October 9 (ESF-7 Update, October 4, 2017, 10:00 a.m. EDT)
  - Regional Staging Areas (RSAs): plan to build capacity to 30 RSAs (NGB Update, October 3, 2017, 2:04 p.m. EDT)
- Responder Lodging: La Suprema en route to San Juan to provide responder berthing, expected to arrive October 5 (USCG Update, October 4, 2017, 2:09 p.m. EDT)

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
PR Convention Center	Operational	PR: San Juan	Arrived	1,000	576 (+61)	424 (-61)
TS Kennedy	Operational	PR: San Juan	Arrived	600	412 (-188)	188 (+188)
TS Empire State	Operational	PR: San Juan	Arrived	650	270 (+261)	380 (-261)
<b>Available (Total)</b>		<b>PR</b>		<b>2,250</b>	<b>1,258 (+134)</b>	<b>992 (-134)</b>
La Suprema	En route	PR	10/5	2,200		
JMC 3330	Secured	PR	10/19	430		
Roosevelt Roads (Base Camp)	In Process	Ceiba	TBD	1,500		
<b>PR TOTAL:</b>				<b>6,380 (+1,500)</b>		

(Responder Lodging Team, October 5, 2017, 2:00 p.m. EDT)

#### ● **ESF-8: Public Health and Medical Services**

- Hospitals:
  - 65 of 67 hospitals open, 4 of 7 regional pediatric centers open, and both autism centers open
  - USNS Comfort left San Juan en route to Arecibo before heading to Aquadilla, Mayaguez, Yauco, and Ponce; the ship currently has 66 patients, 29 of which were evacuated due to generator failure at Ryder Memorial Hospital (ESF-8 Update, October 5, 2017, 10:53 p.m. EDT)
  - DoD and American Red Cross completed planning for reassessment of Menonita Hospital in Guayama (DoD Update, October 5, 2017, 2:05 p.m. EDT)
  - PR vendors and U.S. Government working on solutions for continuous supply of medical oxygen to hospitals (ESF-8 Update, October 5, 2017, 12:00 p.m. EDT)
- Home Amateur Radio operational at 51 of 69 hospitals (PR Common Operating Picture, October 5, 2017, 8:02 p.m. EDT)
- Dialysis Centers: 46 of 48 open: 44 fully operational, two on altered schedules and two down and require mid-to-long term repairs (ESF-8 Update, October 5, 2017, 12:35 p.m. EDT)
- Teams beginning to assess status of (562) nursing homes and (49) assisted living facilities (ESF-8 Update, October 5, 2017, 12:00 p.m. EDT)
- HHS Emergency Prescription Assistance Program activated, providing uninsured patients with 30-day medication refills (ESF-8 Update, October 5, 2017, 10:53 p.m. EDT)

- Site survey for DoD Combat Support Hospital (CSH) in central PR to be conducted October 6; additional 14 CSH expected to arrive in PR by October 8, depending on airlift
- 101st Combat Aviation Battalion dropping insulin to Jayuya, Morovis, Orocovis, Lares hospitals October 6
- DoD aircraft moved HHS personnel, eight cases of medical supplies, food and water, and baby supplies to Castanera
- DoD's Task Force Iron Eagles postured to provide medical evacuations (*DoD Update, October 6, 2017, 1:45 a.m. EDT*)
- VOAD Assistance:
  - AmeriCares began airlifting more than \$3 million in essential medicines for PR and Dominica, including antibiotics, wound-care supplies, intravenous fluids, mental health medications, and chronic disease treatments (*ESF-6 Update, October 5, 2017, 1:09 p.m. EDT*)
  - Direct Relief delivered critical shipment of nearly 16,000 doses of insulin to public health agencies October 4; medicine being distributed to health clinics and hospitals with diabetes patients (*ESF-6 Update, October 5, 2017, 1:08 p.m. EDT*)
- **ESF-9: Search & Rescue**
  - US&R Logistics Specialists continue to package all 12 task force equipment caches for transport by barge back to CONUS; first barge scheduled to depart the night of October 5
  - Senior US&R Advisors remaining in PR to assist in Isolated Communities Task Force and IMAT transition actions (*ESF-9 Update, October 6, 2017, 2:02 a.m. EDT*)
  - 101st Combat Aviation Battalion will conduct search and rescue operations October 6 (*DoD Update, October 6, 2017, 1:45 a.m. EDT*)
- **ESF-10: Oil and Hazardous Material Response**
  - Assessment teams are transporting testing kits, chloride tablets, food and water
  - Water tanker trucks have provided potable water to all 78 municipalities (*PR Common Operating Picture, October 5, 2017, 8:03 p.m. EDT*)
  - 18 of 51 wastewater treatment plants out of service due damage; residents using surface water for washing, potentially exposing themselves to harmful pathogens from sewer discharges
    - Environmental Protection Agency, Centers for Disease Control and Prevention, and PR Department of Health advising residents not to bathe in surface water (*ESF-10 Update, October 5, 2017, 1:39 p.m. EDT*)
  - Caribbean Environmental Protection Division plans physically assess all wastewater treatment plants and pumping stations by October 13 (*EPA Sitrep, October 5, 2017, 4:24 p.m. EDT*)
- **ESF-11: Agriculture and Natural Resources**
  - Working the fuel and feed needs identified during assessments of Caribbean Primate Research Center at University of Puerto Rico, Mayaguez Zoo, and a pet shelter collocated with an ARC shelter; additional unmet needs include building supplies and debris clean up
  - 513 animals evacuated to date; additional evacuations scheduled for October 6 (*ESF-11 Update, October 5, 2017, 2:24 p.m. EDT*)
- **ESF-12: Energy**
  - Power:
    - Puerto Rico Electric Power Authority expects 10% of customers will have power restored by October 7
    - Jacksonville Electric Authority restoration crews departed port of Jacksonville October 4, expected to arrive within next few days
    - As of October 4, 340 transmission towers need replaced (*DOE SITREP #73, October 5, 2017, 12:00 p.m. EDT*)
  - Fuel: Laperouse vessel expected in port of San Juan October 6 containing 140,000 barrels (5.88 million gallons) of propane (*DOE SITREP #73, October 5, 2017, 12:00 p.m. EDT*)
- **ESF-13: Public Safety and Security**
  - 206 Federal Law Enforcement Officers (FLEOs) conducting 13 missions; providing force protection for ESF-8 DMAT
  - 94 FLEOs conducting 47 Direct Federal Assistance missions; providing assistance to local Police Departments to ensure security of commodities and critical resources (*ESF-13 Update, October 5, 2017, 5:08 p.m. EDT*)
- **ESF-15: External Affairs**
  - PR Business Emergency Operations Center, Puerto Rico Water Authority, and Port Authority working to distribute water throughout the island



- Coordinating with Sirius XM to expand main radio station broadcast range throughout the island; Sirius XM donating 1,000 radios
- Discussing leveraging connectivity, space and other resources from companies to assist with Individual Assistance/Disaster Survivor Assistance registration intake; identifying connectivity resources and Dell/Google to support with IT resources *(ESF-15 Update, October 6, 2017, 12:01 a.m. EDT)*
- All 11 Home Depot stores open; 77 Walgreens open, 43 closed *(ESF-15 Update, October 5, 2017, 1:20 p.m. EDT)*
- **U.S. Department of Defense (DoD)**
  - DoD executing FEMA mission assignment for Logistics Civilian Augmentation Program contract to provide base support functions for key logistical hubs in Roosevelt Roads, Aguadilla, and potentially Ponce, pending a Notice to Proceed, allowing for contract bids; site survey team could be on ground by October 10 at the earliest *(DoD Update, October 6, 2017, 1:45 a.m. EDT)*
  - Eight MV-22 delayed due to continued assessment of facilities and sustainment at Aquadilla/Rafael Hernandez Airfield, expected October 6-8, weather permitting *(DoD Update, October 6, 2017, 1:45 a.m. EDT)*
- **National Guard (NG)**
  - 44th Infantry Brigade Combat Team arrived October 4 to support dual status commander non-federalized staff element *(NGB Update, October 5, 2017, 2:14 p.m. EDT)*
  - Additional engineer, water support, communications, and sustainment capabilities scheduled to arrive October 5-7 *(NGB Update, October 6, 2017, 12:59p.m. EDT)*
  - General Support Aviation Brigade from PA Army NG and aviation equipment arrived October 6 *(NGB Update, October 6, 2017, 12:59 a.m. EDT)*
  - NG continues to clear routes, assist Guajataca Dam stabilization efforts, perform commodity distribution by ground and air, and provide security support to local law enforcement and fixed sites *(NGB Update, October 6, 2017, 12:59p.m. EDT)*
- **U.S. Coast Guard (USCG)**
  - USCG Cutter Bear en route to deliver interagency response supplies and material, expected to arrive in San Juan October 8
  - USCG continues to move critical life sustaining and recovery supplies to USCG units; rotary wing aircraft continue to support overflight missions and critical logistical needs *(USCG Update, October 5, 2017, 1:00 p.m. EDT)*
- **U.S. Customs and Border Protection (CBP)**
  - Completed 14 goodwill missions and 12 medical calls
  - Air and Marine Operations completed a total of 157 air support missions with a total of 1,029 hours in flight to transport recovery supplies and Satellite phone equipment, provide Search and Rescue assistance to military vessels, and conduct reconnaissance and rescue missions for severely hit areas with 18 airplanes and five helicopters deployed *(CBP Update, October 5, 2017, 7:36 p.m. EDT)*
- **U.S. Department of the Interior (DOI)**
  - Six hydrology technicians making repairs to stream gages; another six technicians expected to arrive next week pending billeting; of 108 Streamflow gages, 80 operational and transmitting, 24 gage sites require inspection, 22 gages repaired, 9 gages destroyed
  - Webcam installed to monitor Guajataca Dam spillway and USCGS working on Video Satellite for live feed *(DOI Update, October 6, 2017, 1:24 a.m. EDT)*
- **U.S. Department of State (DoS)**
  - The Government of Mexico deployed five electricians to support the ESF-12 Task Force; arrived October 5 (one additional to arrive October 6) *(DoS Update October 5, 2017, 9:55 p.m. EDT)*
  - Government of Mexico donating \$93,000 of bottled water and \$7,000 of mosquito repellant for survivors *(DOS Update, October 5, 2017, 12:18 p.m. EDT)*
- **FEMA International Affairs**
  - Government of Canada to deliver 29,000 MREs via Canadian military C-130 scheduled to depart October 9; FEMA requested NORTHCOM facilitate refueling the aircraft *(FIAA Update, October 5, 2017, 12:27 p.m. EDT)*
- **U.S. Postal Service (USPS)**
  - All incoming mail service available except the shipment of live animals *(USPS Update, October 5, 2017, 11:33 a.m. EDT)*

## Interagency Coordination for U.S. Virgin Islands:

- **ESF-1: Transportation**

- Airports
  - St Thomas: Four commercial flights **departed** October 5 with approximately 733 passengers (*ESF-1 Update, October 6, 2017, 1:09 a.m. EDT*)
  - St Croix: Commercial flights **began** October 5; two flights scheduled with approximately 300 passengers (*ESF-1 Update, October 6, 2017, 1:09 a.m. EDT*)
- Debris Clearance:
  - Estimated 1.14 million cubic yards of debris need removed; debris removal estimated to begin October 10 (*ESF-1 Update, October 5, 2017, 1:58 p.m. EDT*)
  - Subject Matter Experts coordinating with USVI Department of Planning and Natural Resources for approval of temporary debris disposal sites; two temporary debris staging sites approved for St. Thomas (*ESF-1 Update, October 5, 2017, 1:58 p.m. EDT*)
- Roads: 95% of USVI roadways passable and no major roadways closed (*ESF-1 Update, October 5, 2017, 1:58 p.m. EDT*)
- Transit: St. Thomas Bus service resumed with two modified fixed routes October 2; routes will operate within curfew hours, between 8:00am and 4:00pm, from the shopping area to University and Airport and within the city limits of Charlotte Amalie (*ESF 1 Update, October 3, 2017, 10:43 a.m. EDT*)
- Ports:
  - NOAA vessel Thomas Jefferson conducted surveys on St. Thomas and St. John **October 5, awaiting results** (*ESF-1 Update, October 6, 2017, 1:09 a.m. EDT*)
  - Ferry system running seven round trips per day from St John to Red Hook, St. Thomas; Vehicle ferry service also available from Red Hook, St. Thomas to St John (*ESF-1 Update, October 5, 2017, 12:09 p.m. EDT*)
- **ESF-2: Communications**
  - AT&T reports progress on cell coverage, teams restored communication to three additional sites
    - Teams **deployed** to St. Thomas and St. Croix to assist in refueling (*ESF-2 Update, October 5, 2017, 11:54 p.m., EDT*)
- **ESF-3: Public Works and Engineering**
  - Temporary Power:
    - Completed **175 of 193** requested pre-installation inspections (*ESF-3 Update, October 5, 2017, 11:57 p.m. EDT*)
    - Generators: **38** installed; **5** de-installed; **24** additional available on island (including the 4 de-installed); **50** en route (*ESF-3 Update, October 5, 2017, 11:57 p.m. EDT*)
    - 15 generators loaded on barge to USVI October 5, priorities for these generators will be known October 6 (*USACE Update, October 5, 2017, 3:00 p.m. EDT*)
  - Debris: Debris management plan being finalized; debris contract awarded and notice to proceed issued **for St. Thomas and St. John**; approximate start date for removal October 10 (*ESF-3 Update, October 5, 2017, 11:57 p.m. EDT*)
  - Temporary Roofing:
    - Current blue roof estimates: St. Croix: 5K, St. Thomas: 7K, and St. John: 1K
    - Collected **2,210** Right of Entry Agreements; assessed **409** homes, installed **132** roofs (*ESF-3 Update, October 5, 2017, 11:57 p.m. EDT*)
    - Developing alternative solutions to temporary roofing missions for nonconventional roofs with less than 50% damage (*ESF-3 Update, October 5, 2017, 8:50 a.m., EDT*)
    - USACE received a Mission Assignment Task Order for temporary roofing for three schools in St. Thomas and two schools in St. Croix (*ESF-3 Update, October 5, 2017, 8:50 a.m., EDT*)
- **ESF-5: Information and Planning**
  - One photography sortie conducted October 5, will provide imagery of critical infrastructure (*CAP Update, October 5, 2017, 2:00 p.m. EDT*)
- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**
  - ESF-6 sending 500 camp stoves and 500 propane cylinders to St. Croix; 500 camp stoves and 500 propane cylinders to St. Thomas/St. John; no confirmed shipping/arrival date
  - Feeding:
    - Infant and toddlers supplies to feed 4,000 children for one week to be barged to St. Thomas October 5
    - American Red Cross provided 43,956 meals, 12,736 snacks, and 64,874 relief items to date (*ESF-6 Update, October 5, 2017, 3:00 p.m. EDT*)
- **ESF-7: Logistics Management and Resource Support**
  - Standard Commodities arrived (*Commodity Movements, October 4, 2017, 7:00 p.m. EDT*)
    - Meals: **26K** boxed meals **arrived by air to St. Thomas; one flight pending manifest to St. Croix** (*Commodity Movements email, October 5, 2017 5:55 p.m. EDT*)

- **Water:** 47K liters of water arrived in St. Croix (*Commodity Movements email, October 5, 2017 5:55 p.m. EDT*)
- Standard Commodities planned to arrive October 6
  - Meals: 50K meals planned for St. Croix, and boxed meals for St. Thomas (*Commodity Movements, October 6, 2017 4:26 a.m. EDT*)
  - Water: 25K liters of water planned for St. Croix (*Commodity Movements, October 6, 2017 4:26 a.m. EDT*)
- Unique commodities
  - Working requirement to procure 250K water jugs for USVI (*DOD Update, October 4, 2017, 1:59 p.m. EDT*)
- High-interest items
  - General Services Administration (GSA) Fleet sourced 58 vehicles for St. Croix and 55 vehicles for St. Thomas (113 total); will transport via barge from Pennsauken, New Jersey and Jacksonville, Florida October 6 (*ESF-7 Update, October 5, 2017, 2:02 a.m. EDT*)
- OFA commodities
  - Four C-17s and six C-130s transported FEMA Mobile Emergency Response Support, Air National Guard Base Defense Force along with Water and MREs to the USVI (*DoD Update, October 6, 2017, 1:45 a.m. EDT*)
  - DLA Shipment of approximately 15K gallons of propane expected to arrive October 5; will proceed to St. Thomas and St. Croix as needed (*DoD Update, October 5, 2017, 2:05 p.m. EDT*)
- Staging Areas/Incident Support Bases
  - Staging Areas: St. Thomas (Cyril E. King Airport) and St. Croix (Limetree Bay Terminal) (*ESF-7 Update, October 3, 2017, 3:15 p.m. EDT*)
  - ESF-4 supporting commodity distribution in St. Croix (*ESF-4 Update, October 3, 2017, 12:21 p.m. EDT*)
- Responder Lodging: Ocean Carrier (123 beds) en route to St. Thomas to provide responder berthing, expected to arrive October 10 (*USCG Update, October 4, 2017, 2:09 p.m. EDT*)

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
Grand Celebration	Operational	USVI: St. Croix	Arrived	1,500	1,313 (+9)	187 (-9)
SS Wright	Operational	USVI: St. Thomas	Arrived	230	200 (-2)	30 (+2)
Ocean Constructor	Operational	USVI: St. Thomas	Arrived	196	95 (+14)	101 (-14)
<b>Available (Total)</b>		USVI		<b>2,011</b>	<b>1,608 (+21)</b>	<b>318 (-21)</b>
Ocean Carrier	En route	USVI: St. Thomas	10/10	123		
<b>TOTAL:</b>				<b>2,134</b>		

*(Responder Lodging Team, October 5, 2017, 2:00 p.m. EDT)*

• **ESF-8: Public Health and Medical Services**

- Dialysis operations shut down on St. Thomas; emergency room serving one dialysis patient remaining on the island; dialysis services not able to resume due to damage caused by recent flooding (*ESF-8 Update, October 5, 2017, 12:13 a.m. EDT*)
- 602nd Area Support Medical Company extended to November 7; the 73-person unit fully operational at the Schneider Regional Medical Center in St. Thomas
- Gov. Juan F. Luis Hospital in St. Croix receiving 48-member U.S. Army medical personnel unit to help augment medical services

• **ESF-10: Oil and Hazardous Material Response**

- A boil water advisory remains in effect; EPA continues to sample and analyze drinking water for bacteria
- The volume of emergency water storage is as follows:
  - St. Croix: Three days emergency water storage
  - St. John: Four days of emergency water storage
  - St. Thomas: Four days of emergency water storage (*ESF-10 Update, October 5, 2017, 1:39 p.m. EDT*)
- USCG and Department of Planning and Natural Resources field teams began initial pollution assessments on St. Croix; one vessel in Salt River Marina observed actively discharging, and the team continuing to monitor; contracts for National Response Center and Clean Harbors finalized for conducting rapid pollution mitigation operations
- Submerged containers identified by NOAA survey in Krause Lagoon, St. Croix at the Wilfred "Bomba" Allick Marine Facility container terminal in the process of being removed by USCG; USCG continuing to determine container contents and any potential Hazmat issues requiring mitigation (*ESF-10 Update, October 5, 2017, 1:57 p.m. EDT*)

• **ESF-11: Agriculture and Natural Resources**

- NGO pet/animal assessment teams on St. Croix, St. Thomas, and St. John concluded operations October 3; approximately 120 cats and dogs evacuated from St. John to be flown to Boston, MA for veterinarian inspection, sheltering, reunification with pet owners or adoption (*ESF-11 Update, October 5, 2017, 2:24 p.m. EDT*)
- **ESF-12: Energy**
  - Tutu Electrical Substation re-energized October 4 leading to restoration of some areas in and around Tutu and Fort Mylner within next few days
  - Four Department of Energy Western Area Power Administration vehicles shipped from Fort Lauderdale October 5, will arrive in St. Thomas within several days (*Department of Energy SITREP #73, October 5, 2017, 12:00 p.m. EDT*)
- **ESF-13: Public Safety and Security**
  - ESF-13 [completed transfer of security responsibility](#) for the Grand Celebration in St. Croix to Federal Protective Service October 5 (*ESF-13 Update, October 6, 2017, 2:40 a.m. EDT*)
- **ESF-15: External Affairs**
  - All 2 Home Depot stores open; Walgreens store in St. Thomas (only one on island) closed and heavily damaged (*ESF-15 Update, October 5, 2017, 1:20 p.m. EDT*)
- **U.S. Coast Guard (USCG)**
  - USCG Cutter Venturous providing communications and search and rescue coverage (*USCG Update, October 5, 2017, 1:00 p.m. EDT*)
- **National Guard (NG)**
  - USVI NG continues to support security, commodity distribution, and communications to local officials (*NGB Update, October 5, 2017, 2:14 p.m. EDT*)
- **U.S. Department of the Interior (DOI)**
  - [St. Croix: Distribution of supplies beginning aboard the Motor Vessel \(M/V\) Fort Jefferson docked at Christiansted; M/V Caracara in operation to assist with other boating operations](#)
  - [St. Johns: Virgin Islands National Park Service \(NPS\) working with FEMA to place a berthing barge at NPS pier; a 65ft damaged private vessel tying up the shore side end of the NPS pier space; NPS coordinating with FEMA and USCG to determine if berthing barge will fit at the pier without the removal of the damaged vessel](#) (*DOI Update, October 6, 2017, 1:24 a.m. EDT*)
- **U.S. Department of State (DOS)**
  - Two-member advance team from Denmark's Emergency Management Agency (DEMA), VITEMA, National Guard, and FEMA performed damage assessment in St. Croix to inform DEMA's support for school reconstruction (*FIAA Update, October 5, 2017, 2:18 p.m. EDT*)
- **U.S. Postal Service (USPS)**
  - [All incoming mail service available except the shipment of live animals](#) (*USPS Update, October 5, 2017, 11:33 a.m. EDT*)

## Commodities Tables

- The following commodities have arrived in USVI and PR:

Total Arrived Quantity			
	Meals	Tarps	Water
St. Thomas	3,468,717	21,585	1,959,157
St. Croix	738,960	10,000	488,000
USVI Total	4,207,677	31,585	2,447,157

(*ESF-7 Update, October 4, 2017 7:23 p.m. EDT*)

Total Arrived Quantity					
	Meals	Tarps	Water	Generator	Cots
PR	7,343,574	12,200	5,810,152	273	22,202

(*ESF-7 Update, October 4, 2017 7:23 p.m. EDT*)

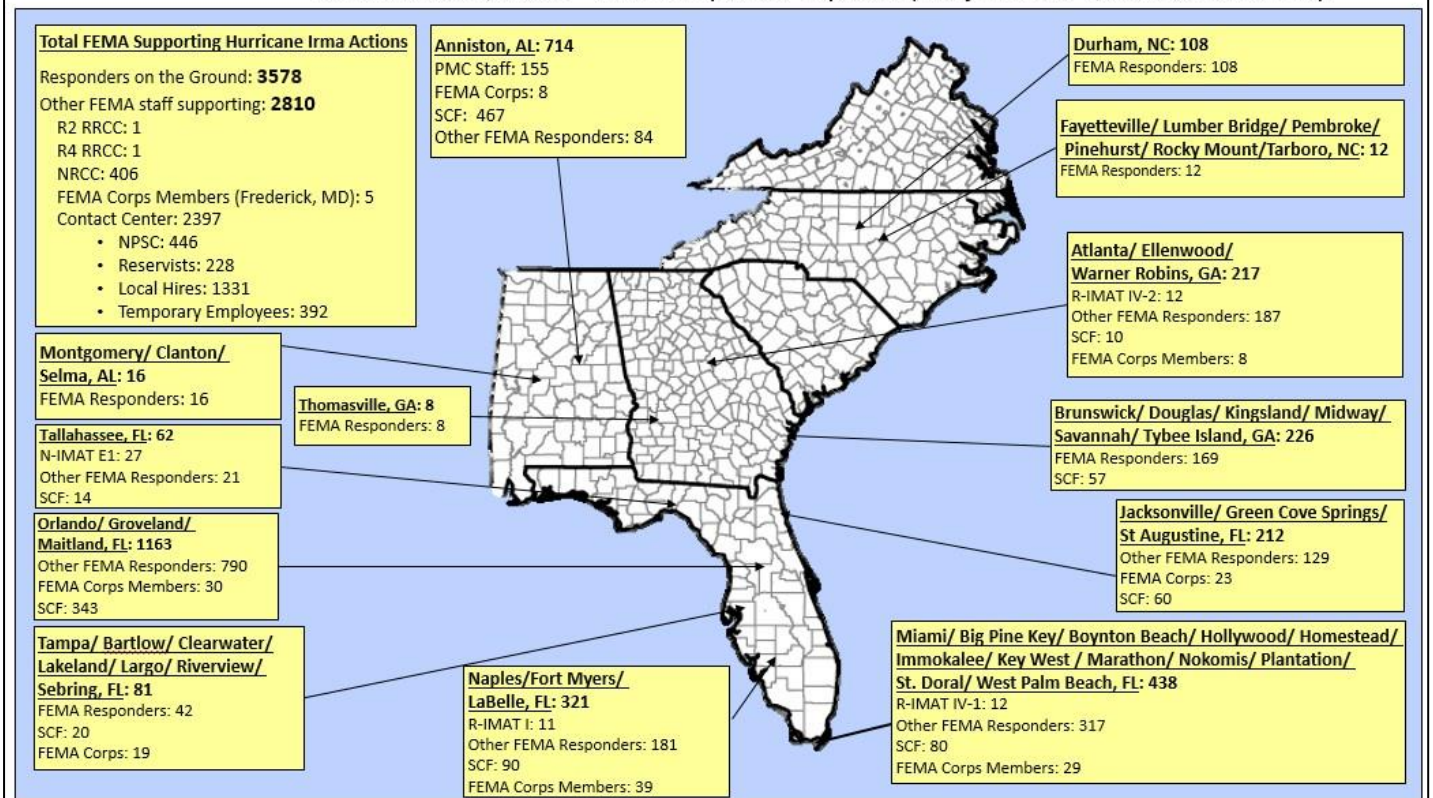


# Maria Force Laydown

## As of October 6, 2017 5:00 a.m. EDT



## Hurricane Irma/Maria – FEMA Responder Laydown (As of October 6, 2017 2:00AM EDT)



**Tropical Storm Nate**  
**Friday, October 6, 2017 (5:00 a.m. EDT)**  
**Updates in Blue**

## **FEMA Region IV**

- RRCC will be activated to Level II (Partial Activation) Day Shift (ESFs 1, 2, 3, 6, 7, 8, 10, 12, and 15) and Enhanced Watch for Night Shift, effective October 7 (*Ops Order #07-2017, October 5, 2017, 1:00 p.m. EDT*)
  - Region IV will utilize Maxwell as ISB (*RSS Meeting, October 4, 2017, 10:00 a.m. EDT*)
- FEMA Region IV is assembling a Type-III IMAT in coordination with FEMA Region V to be prepared to deploy to Alabama
- FEMA RV IMAT will move from Texas to Mississippi
- National US&R activating an Incident Support Team Advance Element and Tennessee Task Force 1 on alert
- **Florida:** State EOC at Level 1 (Full Activation); Governor declared State of Emergency in 29 counties
- **Mississippi:** State EOC at Level 4 (Monitoring) (*RIV Brief, October 5, 2017, 2:54 p.m. EDT*)

## **FEMA Region VI**

- **RRCC activated to a Level II October 6 at 8 a.m. EDT (12 hours/day shift only)** (*RVI RRCC Regional Support Plan, October 5, 2017, 7:00 p.m. EDT*)
- Region VI IMAT-1 deploying to Baton Rouge, LA; reporting to State EOC by 7:00 a.m. EDT October 6
- RRCC activated to a Level III; will increase to a Level I on October 6 (*RVI Spot Report, October 5, 2017, 4:00 p.m. EDT*)
- Sherwood Forest will be used as Federal Staging Area (FSA); Baton Rouge (DR 4277) will be JFO (*RSS Meeting, October 4, 2017, 10:00 a.m. EDT*)
- **Louisiana:** EOC increasing to Level 1 October 6 at 7:00 a.m. EDT; Governor declared a statewide state of emergency (*RVI RRCC Regional Support Plan, October 5, 2017, 7:00 p.m. EDT; Louisiana Governor's Office of Homeland Security and Emergency Preparedness, October 5, 2017, 1:00 a.m. EDT*)
  - **Orleans Parish EOC activating to Level 1 or 2 October 6 at 9 p.m.** (*FEMA Info Analysis Brief, October 5, 2017, 4 p.m. EDT*)
  - Evacuations:
    - Jefferson and St. John the Baptist Parishes issued voluntary evacuations; St. Bernard parish issued mandatory evacuation for areas outside levee protection system (*RIV Spot Report, October 5, 2017, 5:23 p.m. EDT*)
    - Exxon Mobil Corps evacuating all staff from its Lena platform, located 110 miles southeast of New Orleans in the Gulf of Mexico (*HHS Spot Report Update #4, October 5, 2017, 2:31 p.m. EDT*)
  - **Port Status:**
    - **Port of New Orleans at Port Condition X-Ray (gale force winds possible within 48 hours); commercial vessels and barges greater than 500 gross tons and oceangoing barges and tugs must report their intention to depart or remain to captain of the port**
    - **Due to lack of available space in the Lower Mississippi River, New Orleans Coast Guard closed the Lower Mississippi River to all inbound deep draft vessels that do not have confirmed berth arrangements** (*USCG Update, October 5, 2017, 7:36 p.m. EDT*)
- **Alabama:** Governor declared a statewide state of emergency effective on October 6 at 8 a.m. (*Alabama Governor Press Release, October 5, 2017, 1:00 a.m. EDT*)
- **Mississippi:** City of Biloxi declared a local of emergency effective on October 6 at 8 a.m. (*Mississippi Emergency Management Agency, October 5, 2017, 1:00 a.m. EDT*)

## **Department of Defense**

- **USNORTHCOM** preparing search and rescue package and coordination element, 14 light medium lift helicopters, 4 heavy lift helicopters, IAA aircraft, Air Expeditionary Group, E3 Airborne Warning and Control System, Joint Public Affairs, 100 trucks, 100 general purpose boats (*DoD Update, October 5, 2017, 8:59 p.m. EDT*)
- DoD has active staging locations at: Maxwell, Albany, Pensacola, Dobbins, Bragg, Homestead, NAS JAX, Blount Island (*DoD Update, October 5, 2017, 8:59 p.m. EDT*)
- DoD identifying capability types for potentially placing on Prepare to Deploy Orders (*DoD Update, October 6, 2017, 1:45 a.m. EDT*)

## Federal Insurance and Mitigation Administration

- Flood insurance policies in projected path of storm

State	Contracts in Force (CIF)	Policies in Force(PIF)	Housing Units	Population Estimate
Alabama Total	38,475	54,156	2,213,604	4,849,327
Florida Total	1,126,248	1,731,611	9,209,857	20,271,272
Louisiana Total	478,380	491,241	2,024,645	4,670,724
Mississippi Total	62,176	64,213	1,300,892	2,992,333

*(FIMA Update, October 5, 2017, 11:31 a.m. EDT)*

**Recovery Snapshot**  
**Tropical Storm Maria**  
**Friday, October 6, 2017 (5:00 a.m. EDT)**  
**Updates in Blue**

**Recovery Priorities, Issues, and Challenges:**

Recovery Priorities	Issues/Challenges
<ol style="list-style-type: none"> <li>Complete assessments to HUD inventory/displaced families (in process)</li> <li>Operationalize Mission Assignment at Joint Field Offices</li> <li>Deploy disaster personnel to JFOs</li> </ol>	<ol style="list-style-type: none"> <li>VIHA has not reached the estimated 1,300 existing voucher families in their program, but will continue their efforts</li> <li>Given funding restrictions, VIHA cannot use public housing funds to assist existing voucher holders with relocation if these families need to move either on or off the island</li> <li>HUD PIH remains concerned that current families with vouchers will not find suitable private rentals, and will not have a way to leave the island in the near term if they want to use their voucher CONUS</li> <li>Private landlords participating in the voucher program desire access to funds to repair rental units</li> </ol>

**Interagency Coordination/Recovery:**

• **Public Assistance**

Public Assistance (as of 10/05/2017, 4:48 p.m. EDT)	
State	Total Public Assistance Approved
<b>Puerto Rico</b>	\$27,839,460
<b>U.S. Virgin Islands</b>	\$10,510,000

• **Recovery Support Function (RSF): Housing Recovery**

- Strategic Workforce Augmentation Team taking calls at three National Processing Service Centers, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 4,414 call center agents available to receive calls (Recovery Contact Center Surge Staffing Timeline, October 5, 2017, 1:27 p.m. EDT)

Individual Assistance (as of 10/05/2017, 7:02 p.m. EDT)				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
<b>Puerto Rico</b>	248,281	\$6,916,000	Not yet reported	\$6,916,000
<b>U.S. Virgin Islands</b>	7,023	Not yet reported	Not yet reported	Not yet reported

Housing Inspections (as of 10/05/2017, 7:02 p.m. EDT)				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
<b>Puerto Rico</b>	Not yet reported	75	0	0%
<b>U.S. Virgin Islands</b>	15	4,820	23	0.5%

Puerto Rico – DR 4339	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	203			
Public and Indian Housing				
Healthcare and Hospitals				
<b>Total</b>	<b>203</b>	<b>Not yet reported</b>	<b>Not yet reported</b>	<b>Not yet reported</b>

USVI – DR 4340	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	17		3	
Public and Indian Housing			106	106
Healthcare and Hospitals				
<b>Total</b>	<b>17</b>	<b>Not yet reported</b>	<b>109</b>	<b>106</b>

Source: HUD MARIA SITREP | 03 October, 2017, 2:00 PM EDT and HUD HQ Report via email | October 5, 2017, 12:01 PM EDT



**Recovery Snapshot**  
**Post-Tropical Cyclone Irma**  
**Friday, October 6, 2017 (5:00 a.m. EDT)**  
**Updates in Blue**

**Declarations:**

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region IV				
Georgia	9/15: DR-4338	7 counties	All 159 counties (Cat A and B) 102 Counties (Cat C-G)	75%
Seminole Tribe of Florida	9/27: DR-4341	Seminole Tribe of Florida and associated lands	Seminole Tribe of Florida and associated lands	100% (Cat B) for 30 days
Florida	9/10: DR-4337	48 counties	67 counties (Cat A-B) 26 counties (Cat C-G)	75% 90% (Cat A-B) for 30 day-period established by state of FL
Puerto Rico	9/10: DR-4336	12 municipalities	31 municipalities	75%
U.S. Virgin Islands	9/7: DR-4335	St. Croix, St. John, St. Thomas	All (Categories A-G)	100% for debris removal and emergency protective measures for 180 days from declaration date
Alabama	9/11: EM-3389	-	All 67 counties and the Poarch Creek Indian Tribe (Cat B)	75%
South Carolina	9/7: EM-3386	-	All 46 counties and Catawba Indian Nation (Cat B )	75%

*(FEMA Declarations Unit, October 5, 2017, 5:00 p.m. EDT)*

**Recovery Priorities, Issues, and Challenges:**

State	Recovery Priorities	Issues/Challenges
<b>Georgia</b>	<ol style="list-style-type: none"> <li>4. Deliver Individual Assistance</li> <li>5. Public Assistance Program in all Georgia counties</li> <li>6. Open Disaster Assistance Centers</li> <li>7. Public Information</li> <li>8. Provide debris management support in affected areas</li> </ol>	Not yet reported
<b>Florida</b>	<ol style="list-style-type: none"> <li>1. Debris Removal</li> <li>2. Housing</li> <li>3. Sheltering/Transitional Sheltering Assistance</li> <li>4. Public Assistance Expedited Funding</li> <li>5. DRC Resource Allocation and re-allocation across the Area of Responsibility (AOR)</li> <li>6. Staffing (DSA, IA, Language Interpreters)</li> </ol>	<ul style="list-style-type: none"> <li>• Challenges with locating pads for direct housing mission</li> <li>• Staffing needs: DSA staff with NACS rights, IA caseworkers for applicants (need NEMIS/NACS rights)</li> <li>• Language Interpreters – Spanish and Haitian Creole</li> <li>• Language barriers presenting challenges for Disaster Survivor Assistance Teams (DSAT) educating the survivors on the new Desktop Inspection Callout Program</li> <li>• Frustrations with long wait times and dropped calls when calling the 1-800-3368 (FEMA) number (capacity)</li> <li>• Survivors leaving without assistance prior to registering at DRCs due to extreme temperatures and extended wait times (1.5 hour wait times at the DRC in Miami-Dade)</li> <li>• Need more DSA staff to reach elderly survivors not able to travel to DRCs</li> <li>• Debris removal resources</li> </ul>

*(Executive Summary DR-4337-FL, October 5, 2017, 1:29 p.m. EDT)*

## Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
	Individual Assistance PDAs	Public Assistance PDA
Georgia	<ul style="list-style-type: none"> <li>Destroyed: 46 structures</li> <li>Major Damage: 171 structures</li> <li>Minor Damage: 111 structures</li> <li>Affected Habitable: 127 structures</li> </ul>	PA PDAs: Total \$29.6 M <ul style="list-style-type: none"> <li>Category A: \$14.4M</li> <li>Category B: \$5.5M</li> <li>Category C: \$4.6M</li> <li>Category D: \$0.1M</li> <li>Category E: \$1.6M</li> <li>Category F: \$1.9M</li> <li>Category G: \$1.4M</li> </ul>
Florida		All requested PDAs (26) completed for Cat C-G as of October 4

## Interagency Coordination/Recovery:

### • Public Assistance

Public Assistance (as of 10/05/2017, 4:48 p.m. EDT)	
State	Total Public Assistance Approved
U.S. Virgin Islands	\$25,056,946

### • Recovery Support Function (RSF): Housing Recovery

Individual Assistance (as of 10/05/2017, 7:02 p.m. EDT)				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Georgia	41,350	\$9,127,006	\$6,334,069	\$2,792,937
Florida	2,286,138	\$710,343,265	\$469,631,801	\$240,711,464
Puerto Rico	6,465	\$439,432	\$215,450	\$223,982
Seminole Tribe of Florida	1,484	Not yet reported	Not yet reported	Not yet reported
U.S. Virgin Islands	8,377	\$4,592	\$4,592	Not yet reported

Housing Inspections (as of 10/05/2017, 7:02 p.m. EDT)				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Georgia	20	9,807	2,624	26.8%
Florida	1,555	651,267	163,075	25.0%
Puerto Rico	13	1,370	652	47.6%
U.S. Virgin Islands	19	6,317	82	1.3%

National Flood Insurance Program Claims Estimate (as of 10/04/2017, 2:00 p.m. EDT)		
State	Claims Submitted	Advanced Payments to Insured Survivors
Florida	Over 23,000	Over \$ 49,000,000
Georgia	Over 1,800	Over \$ 4,000,000
South Carolina	Over 2,000	Over \$ 2,100,000
U.S. Virgin Islands	54	Not yet reported
Puerto Rico	6	Not yet reported
Alabama	1	Not yet reported

#### ○ Temporary Housing

Transitional Sheltering Assistance (as of 10/05/2017, 11:58 p.m. EDT)		
State	Households Checked In to Hotel	Eligible
Florida	9,695	750,789

#### ○ Small Business Administration (SBA) Home Loans

SBA Home Loans (as of 10/05/2017, 11:03 a.m. EDT)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	26,848	55%	445	\$ 16,790,600	\$ 37,732

#### ○ U.S. Department of Housing and Urban Development (HUD)

Healthcare Section 232/242	Number of Properties in the Impacted (PDD) Area	Number of Beds in the Impacted (PDD) Area
Florida	178	23,530
Georgia	2	130

South Carolina	1	88
<b>Total</b>	<b>181</b>	<b>23,748</b>

Florida – DR 4337	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	910		626	
Public and Indian Housing	209		267	248
Healthcare and Hospitals	182	1,763		1,462
<b>Total</b>	<b>1,301</b>	<b>1,763</b>	<b>893</b>	<b>1,710</b>

(HUD Irma SitRep, October 2, 2017, 2:00 p.m. EDT)

Georgia – DR 4338	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	62		150	115
Public and Indian Housing	20			0
Healthcare and Hospitals	2	119		119
<b>Total</b>	<b>84</b>	<b>119</b>	<b>150</b>	<b>234</b>

(HUD HQ Report via email, October 5, 2017, 12:01 p.m. EDT)

- **RSF: Economic Recovery**

- SBA Business Loans

SBA Business Loans (as of 10/05/2017, 8:22 a.m. EDT)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
<b>Irma</b>	1,818	38%	29	\$ 1,732,400	\$ 59,738

- USDA Risk Management Agency

State Specific Crop Insurance Information as of 9/4/2017			
	Florida	Georgia	Puerto Rico*
Liabilities	\$2.3 billion	\$818.6 million	\$2.3 million
Largest Crop Liability (amount)	Orange Trees (\$1.1 billion)	Cotton (\$581.2 million)	Coffee (\$932,742)

\*PR crop liability was \$53,445,686 for 2016 Reinsurance Year. As of June 9, 2017 only \$2.3 million of liability was reported and available through the RMA Summary of Business.

- USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Florida	n/a
Sept 10-Sept 12: Georgia	\$338,272,398
Sept 18-Sept 22: Louisiana	\$41,000,000

- USDA Disaster Supplemental Nutrition Assistance Program (D-SNAP)

New Apps Taken	New Approved			Households Denied	Supplements Approved			Total New + Ongoing Benefits
	Households	Persons	Total Benefits		Households	Persons	Total Benefits	
48,385	45,080	56,717	\$ 9,715,060	699	92,016	327,650	\$26,967,758	\$ 36,682,818

(Recovery Update, October 4, 2017, 11:02 a.m. EDT)

**Recovery Snapshot**  
**Post-Tropical Cyclone Harvey**  
**Friday, October 6, 2017 (5:00 a.m. EDT)**  
**Updates in Blue**

**Declarations:**

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region VI				
Texas	8/25: DR-4332	39 counties	47 counties	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter

**Recovery Priorities, Issues, and Challenges:**

State	Recovery Priorities	Issues/Challenges
Texas	<ol style="list-style-type: none"> <li>Sheltering and temporary housing</li> <li>Debris Removal</li> <li>Collect and disseminate accurate incident information to improve decision-making</li> <li>Accurately track incident costs associated with assigned resources for cost recovery</li> </ol>	Not yet reported

(TDEM Sit Rep, October 4, 2017, 8:00 a.m. EDT)

**Damage Assessments:**

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
	IA PDA	PA PDA
Texas	Not yet reported	PDAs completed as of October 5 (Recovery Update, October 5, 2017, 3:14 p.m. EDT)

**Interagency Coordination/Recovery:**

• **Public Assistance**

Public Assistance (as of 10/05/2017, 4:48 p.m. EDT)	
State	Total Public Assistance Approved
Texas	\$327,886,760

• **RSF: Housing Recovery**

Individual Assistance (as of 10/05/2017 7:02 p.m. EDT)				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Texas	857,893	\$965,354,036	\$729,350,834	\$236,003,202

Housing Inspections (as of 10/05/2017 7:02 p.m. EDT)				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Texas	3,211	512,337	357,024	69.7%

National Flood Insurance Program Claims Estimate (as of 10/04/2017, 2:00 p.m. EDT)		
State	Claims Submitted	Advanced Payments to Insured Survivors
Texas	Over 88,000	Over \$1 billion
Louisiana	Over 480	Over \$2 million

○ Temporary Housing

Transitional Sheltering Assistance (as of 10/04/2017, 3:23 p.m. EDT)		
State	Households Checked In to Hotel	Eligible
Texas	22,032	347,565

○ Small Business Administration (SBA) Home Loans

SBA Home Loans (as of 10/04/2017, 8:15 a.m. EDT)					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	56,003	67%	9,020	\$ 753,706,700	\$ 83,560



○ U.S. Department of Housing and Urban Development (HUD)

Texas – DR 4332	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454	0	4,924	1,823
Public and Indian Housing	42	0	358	0
Healthcare and Hospitals	40	997	0	676
<b>Total</b>	<b>536</b>	<b>997</b>	<b>5,282</b>	<b>2,499</b>

(HUD HQ Report via email, October 5, 2017, 12:01 p.m. EDT)

● **RSF: Economic Recovery**

○ SBA Business Loans

SBA Business Loans (as of 10/05/2017, 8:22 a.m. EDT)					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	3,950	71%	730	\$ 69,388,100	\$ 95,052

○ U.S. Department of Agriculture (USDA) Risk Management Agency

State Specific Crop Insurance Information (as of 9/23/2017)		
	Texas*	Louisiana **
<b>Liabilities</b>	\$792.4 million	\$133.5 million
<b>Largest crop liability (total)</b>	Cotton (\$352.3 million)	Rice (\$104.1 million)
<b>Policies received ++</b>	>34,000	>2,900
<b>Units Covered (acres) ++</b>	4.9 million	>504,000

\* Crops removed from calculation are AF/PRF, Cabbage, Oats, Onions, Potatoes and Wheat

\*\* Parishes included are Acadia, Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis, Vermillion and Vernon

++ Information collected from RMA's Summary of Business Reports <http://www.rma.usda.gov/data/sob.html>

○ USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Texas	\$72,961,810

○ USDA Disaster Supplemental Nutrition Assistance Program (D-SNAP)

New Apps Taken	New Approved			Households Denied	Supplements Approved			Total New + Ongoing Benefits
	Households	Persons	Total Benefits		Households	Persons	Total Benefits	
324,667	261,822	827,616	\$ 207,059,841	15,893	30	80	7,376	\$ 276,412,999

(Recovery Update, October 4, 2017, 11:02 a.m. EDT)

○ Natural Resources Conservation Service

	EWPP Sponsor requests	EQIP Applications	CTA/Employees Providing Assistance
Texas*	5 new, 6-7 previous projects that may need assistance	57	97
Louisiana**	0	0	25

\*57 EQIP application for FY17 received to date for TX special sign-ups

\*\*Little impacts, not anticipating EQIP applications for hurricane response but announced availability of EQIP